

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 26, 2003, 10:38:34 ; Search time 31 Seconds

(without alignments)
1374.400 Million cell updates/sec

Title: US-09-728-911-2

Perfect score: 1244

Sequence: 1 MPMKHCFLGFLISFLTGVA.....YQMLDRRSQRSERCVEIP 231

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 673684 seqs, 184443283 residues

Total number of hits satisfying chosen parameters: 673684

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1244	100.0	231	9	US-09-728-911-2
2	1244	100.0	231	10	Sequence 2, Appli
3	1244	100.0	231	11	Sequence 6, Appli
4	1244	100.0	231	12	Sequence 4, Appli
5	1244	100.0	231	12	Sequence 114, App
6	1244	100.0	231	12	Sequence 114, App
7	1244	100.0	231	12	Sequence 114, App
8	1244	100.0	231	12	Sequence 114, App
9	1244	100.0	231	12	Sequence 114, App
10	1244	100.0	231	12	Sequence 114, App
11	1244	100.0	231	12	Sequence 114, App
12	1244	100.0	231	12	Sequence 114, App
13	1244	100.0	231	12	Sequence 114, App
14	1244	100.0	231	12	Sequence 33, Appli
15	1244	100.0	231	12	Sequence 2, Appli
16	1244	100.0	231	12	Sequence 35, Appli

16	1244	100.0	231	12	US-10-244-972-114	Sequence 114, App
17	1244	100.0	231	12	US-10-197-942-114	Sequence 114, App
18	1244	100.0	231	12	US-10-293-832-25	Sequence 25, Appli
19	1244	100.0	231	12	US-10-238-196-114	Sequence 114, App
20	1244	100.0	231	12	US-10-245-013-114	Sequence 114, App
21	1244	100.0	231	15	US-10-245-103-114	Sequence 114, App
22	1244	100.0	231	15	US-10-245-107-114	Sequence 114, App
23	1244	100.0	231	15	US-10-245-143-114	Sequence 114, App
24	1244	100.0	231	15	US-10-245-771-114	Sequence 114, App
25	1244	100.0	231	15	US-10-245-851-114	Sequence 114, App
26	1244	100.0	231	15	US-10-245-883-114	Sequence 114, App
27	1244	100.0	231	15	US-10-237-535-114	Sequence 114, App
28	1244	100.0	231	15	US-10-238-183-114	Sequence 114, App
29	1244	100.0	231	15	US-10-238-283-114	Sequence 114, App
30	1244	100.0	231	15	US-10-238-370-114	Sequence 114, App
31	1244	100.0	231	15	US-10-245-055-114	Sequence 114, App
32	1244	100.0	231	15	US-10-245-147-114	Sequence 114, App
33	1244	100.0	231	15	US-10-245-730-114	Sequence 114, App
34	1244	100.0	231	15	US-10-245-739-114	Sequence 114, App
35	1244	100.0	231	15	US-10-246-210-114	Sequence 114, App
36	1244	100.0	231	15	US-10-239-196-114	Sequence 114, App
37	1244	100.0	231	15	US-10-090-365-2	Sequence 2, Appli
38	1244	100.0	231	15	US-10-243-024-114	Sequence 114, App
39	1244	100.0	231	15	US-10-243-409-114	Sequence 114, App
40	1244	100.0	231	15	US-10-245-621-114	Sequence 114, App
41	1244	100.0	231	15	US-10-245-880-114	Sequence 114, App
42	1244	100.0	231	15	US-10-245-033-114	Sequence 114, App
43	1244	100.0	231	15	US-10-243-095-114	Sequence 114, App
44	1244	100.0	231	15	US-10-245-185-114	Sequence 114, App
45	1244	100.0	231	15	US-10-245-427-114	Sequence 114, App

ALIGNMENTS

RESULT 1

US-09-728-911-2

; Sequence 2, Application US/09728911

; Patent No. US2002012669A1

; GENERAL INFORMATION:

; APPLICANT: Presnell, Scott R.

; APPLICANT: Xu, Wenfeng

; APPLICANT: Kindsvogel, Wayne

; APPLICANT: Chen, Zhi

; TITLE OF INVENTION: Human Cytokine Receptor

; FILE REFERENCE: 99-93

; CURRENT APPLICATION NUMBER: US/09/728,911

; CURRENT FILING DATE: 2000-12-01

; PRIOR APPLICATION NUMBER: US 60/169,049

; PRIOR FILING DATE: 1999-12-03

; PRIOR APPLICATION NUMBER: US 60/232,219

; PRIOR FILING DATE: 2000-09-13

; PRIOR APPLICATION NUMBER: US 60/244,610

; PRIOR FILING DATE: 2000-10-31

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 2

; LENGTH: 231

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-728-911-2

Query Match

Best Local Similarity 100.0%; Score 1244; DB 9; Length 231;

Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MPMKHCFLGFLISFLTGVAQTSTHSLKPRVQFQSRNFHNLQWQPGRALTCNSSVY 60

Db 1 MPMKHCFLGFLISFLTGVAQTSTHSLKPRVQFQSRNFHNLQWQPGRALTCNSSVY 60

Qy 61 FVQYKIYQORQWKNKDCWGQFELSCLDITSETSDIQEPPYGRVRAASAGSYSEWSMTTRF 120

Db 61 FVQYKIYQORQWKNKDCWGQFELSCLDITSETSDIQEPPYGRVRAASAGSYSEWSMTTRF 120

QY 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
DB 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231
DB 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231

RESULT 2
US-09-949-192-6
; Sequence 6, Application US/09949192
; Patent No. US20020142292A1
; GENERAL INFORMATION:
; APPLICANT: Parham, Christi L.
; APPLICANT: Gorman, Daniel L.
; APPLICANT: Kurata, Hirokazu
; APPLICANT: Arai, Naoko
; APPLICANT: Sana, Theodore R.
; APPLICANT: Matteson, Jeanine D.
; APPLICANT: Murphy, Erin E.
; APPLICANT: Savkoor, Chetan
; APPLICANT: Grein, Jeffery
; APPLICANT: Smith, Kathleen M.
; TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
; FILE REFERENCE: DX01169K
; CURRENT APPLICATION NUMBER: US/09/949,192
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,267
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-192-6

Query Match 100.0%; Score 1244; DB 10; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.6e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MMPKHCFLGLISFFLTGAGTOSTHESLKPORVQFSRNFHILQWQGRALTGNSSVY 60
DB 1 MMPKHCFLGLISFFLTGAGTOSTHESLKPORVQFSRNFHILQWQGRALTGNSSVY 60
QY 61 FVOYKIYQORQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
DB 61 FVOYKIYQORQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
QY 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
DB 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231
DB 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231

RESULT 3
US-09-961-404-4
; Sequence 4, Application US/09961404
; Publication No. US20030022827A1
; GENERAL INFORMATION:
; APPLICANT: WEISS, BERTRAM
; APPLICANT: SABAT, ROBERT
; APPLICANT: ASADULLAH, KHUSRU
; APPLICANT: TOSCHI, LUISSELLA
; TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR
; FILE REFERENCE: SCH-1788

; CURRENT APPLICATION NUMBER: US/09/961,404
; CURRENT FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-961-404-4
Query Match 100.0%; Score 1244; DB 11; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.6e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MMPKHCFLGLISFFLTGAGTOSTHESLKPORVQFSRNFHILQWQGRALTGNSSVY 60
DB 1 MMPKHCFLGLISFFLTGAGTOSTHESLKPORVQFSRNFHILQWQGRALTGNSSVY 60
QY 61 FVOYKIYQORQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
DB 61 FVOYKIYQORQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
QY 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
DB 121 TPWETKIDPPVNMITQVNGSLVILHAPNLPYRYQKKNVSDYDYYELLYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231
DB 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERCVEIP 231

RESULT 4
US-10-237-496-114
; Sequence 114, Application US/10237496
; Publication No. US20030138896A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Eaton, Dan
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe
; APPLICANT: Watanabe, Colin
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; APPLICANT: Fong, Sherman
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3630R1C4
; CURRENT APPLICATION NUMBER: US/10/237,496
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: 10/197942
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/059114
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/065027
; PRIOR FILING DATE: 1997-11-10
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/086478
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090689
; PRIOR FILING DATE: 1998-06-25

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OM protein - protein search, using sw model

Run on: November 26, 2003, 10:28:29 ; Search time 21 Seconds
(without alignments)
465.419 Million cell updates/sec

Title: US-09-728-911-2

Perfect score: 1244

Sequence: 1 MPMKHCFLGLISFLTGVA.....YQMLDRRSQRSERCVIEP 231

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/1aa/5A-COMB.pep:*
- 2: /cgn2_6/ptodata/1/1aa/5B-COMB.pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A-COMB.pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B-COMB.pep:*
- 5: /cgn2_6/ptodata/1/1aa/PCTUS-COMB.pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	337	27.1	221	2	US-08-943-087-52
2	336	27.0	221	2	US-08-943-087-50
3	336	27.0	221	2	US-08-943-087-56
4	336	27.0	553	2	US-08-943-087-2
5	336	27.0	553	2	US-08-943-087-14
6	336	27.0	553	2	US-08-943-087-16
7	336	27.0	553	2	US-08-943-087-18
8	336	27.0	553	2	US-08-943-087-20
9	336	27.0	553	2	US-08-943-087-22
10	336	27.0	553	2	US-08-943-087-24
11	336	27.0	553	2	US-08-943-087-26
12	336	27.0	553	2	US-08-943-087-28
13	336	27.0	553	2	US-08-943-087-30
14	336	27.0	553	2	US-08-943-087-32
15	336	27.0	553	2	US-08-943-087-34
16	336	27.0	553	2	US-08-943-087-36
17	336	27.0	553	2	US-08-943-087-38
18	336	27.0	553	2	US-08-943-087-40
19	336	27.0	553	2	US-08-943-087-42
20	336	27.0	553	2	US-08-943-087-44
21	336	27.0	553	2	US-08-943-087-46
22	336	27.0	553	2	US-08-943-087-48
23	334	26.8	221	2	US-08-943-087-54
24	329	26.4	221	2	US-08-943-087-58
25	325	26.1	221	2	US-08-943-087-60
26	266	21.4	574	2	US-08-943-087-713-2
27	266	21.4	574	4	US-09-870-574-4

28	183.5	14.8	575	1	US-08-424-788-2	Sequence 2, Appli
29	183.5	14.8	575	1	US-08-110-683-4	Sequence 4, Appli
30	183.5	14.8	575	2	US-08-477-166-4	Sequence 4, Appli
31	183.5	14.8	575	2	US-08-472-097-4	Sequence 4, Appli
32	183.5	14.8	575	4	US-09-439-672-4	Sequence 4, Appli
33	183.5	14.8	575	5	PCT-US93-11638-4	Sequence 4, Appli
34	181	14.5	559	1	US-08-424-788-3	Sequence 3, Appli
35	172	13.8	251	1	US-07-882-202A-2	Sequence 2, Appli
36	172	13.8	251	1	US-07-683-682B-4	Sequence 4, Appli
37	172	13.8	251	1	US-08-021-615A-2	Sequence 2, Appli
38	172	13.8	251	1	US-08-321-777-2	Sequence 2, Appli
39	172	13.8	251	1	US-08-463-931-6	Sequence 6, Appli
40	172	13.8	251	1	US-08-464-237A-4	Sequence 4, Appli
41	172	13.8	251	5	PCT-US92-02898A-4	Sequence 4, Appli
42	172	13.8	251	5	PCT-US93-04493-2	Sequence 2, Appli
43	172	13.8	295	1	US-08-463-931-2	Sequence 2, Appli
44	172	13.8	295	2	US-08-372-887-20	Sequence 20, Appli
45	172	13.8	295	4	US-09-224-048A-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-943-087-52
; Sequence 52, Application US/08943087
; Patent No 5945511
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-943-087-52

Wed Nov 26 11:20:28 2003

Query Match 27.1%; Score 337; DB 2; Length 221;
Best Local Similarity 37.2%; Pred. No. 3.9e-29;
Matches 74; Conservative 33; Mismatches 90; Indels 2; Gaps 2;
QY 30 KQVQFOSRNFHNLQWQGRALTGNSVYFVQYKIYQGRQWKNKEDCWGTQELSCLDT 89
DB 10 KPNITFLSINMKNVLTPTPEGLQGVKVTYTVQYFIYGQKKWLKSECRNINRTYCDLS 69
QY 90 SETSDIQPYGRVPAASAGSYSEWSMTPTPTPWETKIDPPVNMITQVNGSLVLHAP 149
DB 70 AETSYEHQYAKVKAIWGTCSCWAESGRFPFLETOIGPPEVGLTTDEKSISVLTAP 129
QY 150 NLPYRQKEKNVSIIDYY-ELLYRVFIINNSLEKEQKYVEGAHRAVEIALTPHSSYCVV 208
DB 130 EKWKNPEDLPVSMQIYSLNLYSVLTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVH 188
QY 209 AEIQPMLDRRSQRSEERC 227
DB 189 VESFVPGPPRAQPSEKQC 207

RESULT 2

US-08-943-087-50
; Sequence 50, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmeberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-943-087-50

Query Match 27.0%; Score 336; DB 2; Length 221;
Best Local Similarity 37.2%; Pred. No. 5e-29;
Matches 74; Conservative 33; Mismatches 90; Indels 2; Gaps 2;

Matches 74; Conservative 33; Mismatches 90; Indels 2; Gaps 2;
QY 30 KQVQFOSRNFHNLQWQGRALTGNSVYFVQYKIYQGRQWKNKEDCWGTQELSCLDT 89
DB 10 KPNITFLSINMKNVLTPTPEGLQGVKVTYTVQYFIYGQKKWLKSECRNINRTYCDLS 69
QY 90 SETSDIQPYGRVPAASAGSYSEWSMTPTPTPWETKIDPPVNMITQVNGSLVLHAP 149
DB 70 AETSYEHQYAKVKAIWGTCSCWAESGRFPFLETOIGPPEVGLTTDEKSISVLTAP 129
QY 150 NLPYRQKEKNVSIIDYY-ELLYRVFIINNSLEKEQKYVEGAHRAVEIALTPHSSYCVV 208
DB 130 EKWKNPEDLPVSMQIYSLNLYSVLTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVH 188
QY 209 AEIQPMLDRRSQRSEERC 227
DB 189 VESFVPGPPRAQPSEKQC 207

RESULT 3

US-08-943-087-56
; Sequence 56, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmeberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-943-087-56

Query Match 27.0%; Score 336; DB 2; Length 221;
Best Local Similarity 36.7%; Pred. No. 5e-29;
Matches 73; Conservative 34; Mismatches 90; Indels 2; Gaps 2;

GenCore version 5.1.6
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OM protein - protein search, using sw model

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(without alignments)

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Title: US-09-728-911-2

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Gapop 60.0 , Gapext 60.0

Searched: 673684 seqs, 18443283 residues

Word size : 0

Total number of hits satisfying chosen parameters: 673684

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 100 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS

RESULT 1
US-09-728-911-2
; Sequence 2, Application US/09728911
; Patent No. US20020012669A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

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; Sequence 6, Application US/09949192
; Patent No. US20020142292A1
; GENERAL INFORMATION:
; APPLICANT: Parham, Christi L.
; APPLICANT: Gorman, Daniel L.
; APPLICANT: Kurata, Hirokazu
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GenCore version 5.1.6
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS

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; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 19380
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19380

Query Match 3.0%; Score 7; DB 4; Length 144;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 104 RAASAGS 110
Db 39 RAASAGS 45

RESULT 2
US-09-252-991A-29488
; Sequence 29488, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29488
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29488

Query Match 3.0%; Score 7; DB 4; Length 219;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 104 RAASAGS 110
Db 190 RAASAGS 196

RESULT 3
5177189-11
; Patent No. 5177189
; APPLICANT: DYER, CHERYL A.; CURTISS, LINDA K.; SMITH, RICHARD
; TITLE OF INVENTION: POLYPEPTIDE ANALOGS OF APOLIPOPROTEIN E
; NUMBER OF SEQUENCES: 11

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,732
; FILING DATE: 18-AUG-1989
; SEQ ID NO: 11
; LENGTH: 30
5177189-11

Query Match 2.6%; Score 6; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 GRVRAA 106
Db 15 GRVRAA 20

RESULT 4
5182364-12
; Patent No. 5182364
; APPLICANT: DYER, CHERYL A.; CURTISS, LINDA K.; SMITH, RICHARD
; TITLE OF INVENTION: POLYPEPTIDE ANALOGS OF APOLIPOPROTEIN E
; NUMBER OF SEQUENCES: 14
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,158
; FILING DATE: 26-FEB-1990
; SEQ ID NO: 12
; LENGTH: 30
5182364-12

Query Match 2.6%; Score 6; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 GRVRAA 106
Db 15 GRVRAA 20

RESULT 5
US-08-023-980B-36
; Sequence 36, Application US/08023980B
; Patent No. 5843641
; GENERAL INFORMATION:
; APPLICANT: Brown, Robert
; APPLICANT: Horvitz, H. Robert
; APPLICANT: Rosen, Daniel R.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS,
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF DISEASES OF CELL DEATH
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 585 Commercial Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-1024
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/023,980B
; APPLICATION NUMBER: US/08/023,980B
; FILING DATE: 26-FEB-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/177001
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